UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. **07720011US**

Total Pages in this Submission

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application Washington, D.C. 20231

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				filing under 35	U.S	.C. 111(a) and	37 C.F.R. 1.53	(b) is a new utility patent app	lication for an
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						Application	on Elements		
1.	. 🗵	Filing	fee as	calculated and	trar	nsmitted as des	scribed below		
2.	. 🗵 :	Spec	ification	having		30	pages and i	ncluding the following:	
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	a. [×	Descript	tive Title of the	e Inve	ention			
	b. [Cross R	deferences to	Relat	ted Application	s (if applicable)		
	c . [Stateme	ent Regarding	Fede	erally-sponsore	ed Research/De	evelopment (if applicable)	
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Application Elements (Continued)											
3.	\boxtimes	Drawing(s) (when necessary as prescribed by 35 USC 113)									
	a.										
	b.	☐ Informal Number of Sheets									
4.	\boxtimes	Oath or Declaration									
	a.	Newly executed (original or copy) □ Unexecuted									
	b.	☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)									
	c.	☑ With Power of Attorney ☐ Without Power of Attorney									
	d.	<u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).									
5.		Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.									
6.		CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)									
7.		Application Data Sheet (See 37 CFR 1.76)									
8.		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)									
	a.	☐ Computer Readable Form (CRF)									
	b.	☐ Specification Sequence Listing on:									
		i. D CD-ROM or CD-R (2 copies); or									
		ii. 🗖 Paper									
	C.	Statement(s) Verifying Identical Paper and Computer Readable Copy									
		Accompanying Application Parts									
9.	\boxtimes	Assignment Papers (cover sheet & document(s))									
10.		37 CFR 3.73(B) Statement (when there is an assignee)									
11.		English Translation Document (if applicable)									
12.		Information Disclosure Statement/PTO-1449 Copies of IDS Citations									
13.	\boxtimes	Preliminary Amendment									
14.	\boxtimes	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)									
15.	\boxtimes	Certified Copy of Priority Document(s) (if foreign priority is claimed)									
16.		Certificate of Mailing									
		☐ First Class ☐ Express Mail (Specify Label No.): HAND DELIVERED									

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Additional Enclosures (please identify below):
Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)
Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.
Warning
An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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Fee Calculation and Transmittal

CLAIMS AS FILED For #Filed #Allowed #Extra Rate Fee **Total Claims** 18 - 20 = 0 \$0.00 \$18.00 Ind p. Claims - 3 = 1 \$84.00 \$84.007 х Multipl Dependent Claims (check if applicable) \$0.00 **BASIC FEE** \$750.00 OTHER FEE (specify purpose) \$0.00 **TOTAL FILING FEE** \$834.00

\boxtimes	A chec	k in the amount of	\$834.00	to cover the filing fee is enclosed.					
X	The Co	ommissioner is hereby	authorized to	o charge and credit Deposit Account No.	23-1951				
	as described below. A duplicate copy of this sheet is enclosed.								
		Charge the amount of	f	as filing fee.					
	\boxtimes	Credit any overpayme	ent.						
	☑ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.								
	☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance,								
		pursuant to 37 C.F.R	. 1.311(b).	~ 1	\wp				
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Hae-Chan Park Reg. No. 50,114

(703) 712-5000

McGuireWoods LLP 1750 Tyson Boulevard, Suite 1800 McLean, VA 22102

Signature

CC:

Dated: July 3, 2003

Hae-Chan Park Direct: 703.712.5365 MCGUIREWOODS

hpark@mcguirewoods.com Direct Fax: 703.712.5280

July 3, 2003

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

RE:

Application No. Unassigned

Filed: July 3, 2003

MULTI-BAND HELICAL ANTENNA Inventor: Jung-Bin BAE, et al. Our Ref: 0772.0011.US

c).

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

- 1. A Transmittal Letter;
- 2. Utility Patent Application Transmittal Form;
- 3. A Specification containing 30 pages and 20 sheets of drawings (Figs. 1, 2, 3, 4A, 4B, 5A, 5B, 6, 7, 8, 9A, 9B, 10A, 10B, 11A, 11B, 12, 13A, 13B, 14, 15, 16, 17A, 17B, 18A, 18B, 19A, and 19B);
- 4. An Executed Declaration and Power of Attorney;
- 5. A Preliminary Amendment;
- 6. A Form PTO-1595 Recordation Cover Sheet and a copy of the executed Assignment to Meerae Tech, Inc., a recordation of which is hereby respectfully requested;
- Claim of Priority to and a certified copy of:
 Korean Patent Application No. 2002-0038611 filed July 4, 2002;
 Korean Patent Application No. 2002-0038612 filed July 4, 2002; and Korean Patent Application No. 2002-0038612 filed July 4, 2002
- 8. Our check no. 119650 for the amount of \$834.00 to cover the filing fee and our check no. 119649 for the amount of \$40.00 to cover the Assignment Fee; and
- 9. Two Acknowledgement postcards.

 U.S. Patent & Trademark Office-July 3, 2003
 Page 2

It is respectfully requested that the attached copy of the postcard be stamped with the filing date of these documents and returned to our courier.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 23-1951 referencing docket number 0772.0011.US.

Respectfully submitted,

lae-Chan Park

Reg. No. 50,114

HCP/kbs Enclosures